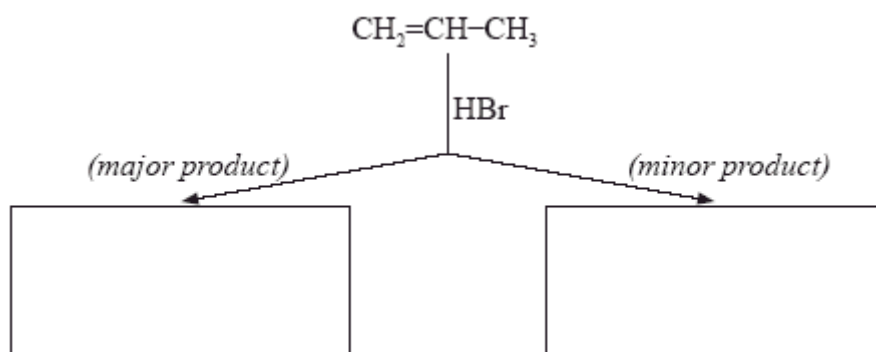


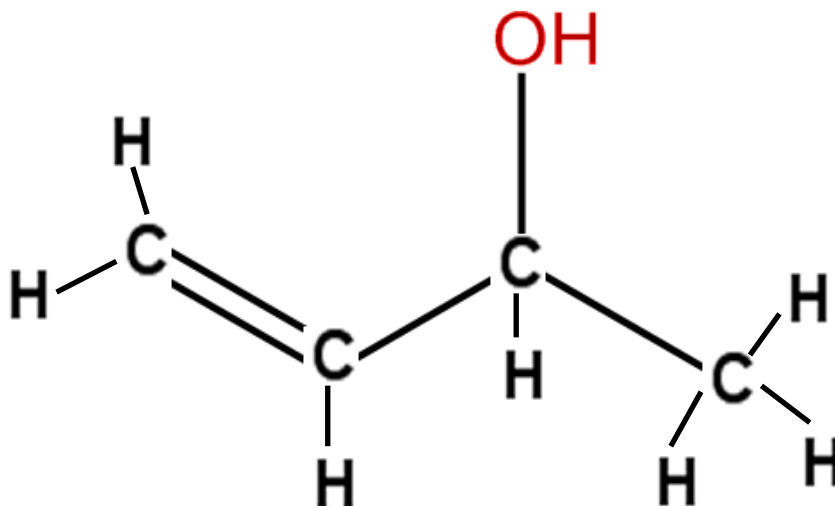
Crystal ball questions on Markovnikov's rule

All of the following questions have not (as yet!) appeared in the NCEA Level 2 Exams

- 1) Draw the major and minor products from this reaction



- 2) Draw and explain the major and minor products of 3-hydroxybut-1-ene with HCl



- 3) Draw and explain the structures of the **major** and **minor** products when hydrogen chloride is added to 2-methylbut-2-ene, $(\text{CH}_3)_2\text{CCHCH}_3$.
- 4) Draw, identify and name the 2 products of propene with HCl